MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

AUGUST 1951

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

AUGUST 1951

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	55.2	54.4	54.8	54.8	31.7	25.1	29.4	31.5	26.7	29.2
2	54.8	54.4	54.9	54.7	32.4	24.3	29.8	31.6	26.7	29.4
3	55.9	55.9	56.7	56.2	33.3	24.4	29.5	32.1	26.7	29.4
4	56.2	55.8	56.0	56.0	32.8	24.7	29.4	32.8	26.8	29.7
5	54.9	54.3	54.3	54.5	33.7	24.7	29.9	33.2	27.2	30.1
6	53.8	53.3	53.4	53.5	32.5	24.2	28.8	32.4	26.9	29.4
7	53.3	53.4	54.3	53.7	32.3	23.8	28.9	32.2	26.6	29.2
8	55.2	55.1	55.4	55.2	32.8	24.4	28.9	32.6	26.1	29.2
9	55.8	55.0	54.8	55.2	33.0	24.5	28.3	31.7	26.7	28.9
10	54.6	54.0	53.5	54.0	33.5	24.4	28.9	32.3	27.2	29.5
11	53.3	53.1	53.3	53.2	33.0	24.6	28.6	31.8	27.0	29.1
12	54.0	53.9	54.3	54.1	33.3	24 5	28.8	32.8	27.2	29.6
13	54.3	54.0	54.2	54.2	33.1	24.7	28.9	32.8	27.1	29.6
14	53.9	53.5	53.7	53.7	33.0	24.6	28.3	32.7	26.9	29.3
15	54.0	54.0	54.5	54.2	33.0	23.7	28.2	32.4	26.7	29.1
16	56.2	55.9	56.1	56.1	33.4	24.7	29.8	33.3	26.7	29.9
17	56.6	56.1	55.9	56.2	33.5	25.9	28.6	32.7	27.6	29.6
18	55.0	54.7	55.1	54.9	33.3	25.2	30.0	32.6	28.1	30.2
19	54.9	54.5	55.3	54.9	32.9	23.6	30.3	32.2	27.5	30.0
20	55.1	55.7	57.0	55.9	33.4	24.4	28.0	32.4	28.3	29.6
21	57.5	57.8	58.0	57.8	30.9	24.7	28.6	30.6	26.7	28.6
22	57.3	56.5	56.9	56.9	32.8	25.5	28.9	30.7	27.2	28.9
23	56.5	56.1	56.4	56.3	32.5	24.2	27.8	32.2	26.9	29.0
24	56.5	56.2	56.5	56.4	32.3	24.5	28.1	31.7	27.7	29.2
25	56.8	56.4	56.6	56.6	33 6	24.9	28.9	32.9	27.8	29.9
26	56.7	56.4	57.4	56.8	33.0	24.7	29.1	31.6	27.8	29.5
27	58.0	57.3	57.8	57.7	33.2	24.5	27.8	32.8	26.4	29.0
28	57.8	56.9	57.1	57.3	33.1	24.7	30.0	32.2	26.7	29.6
29	57.3	56.7	57.1	57.0	32.6	24.5	30.0	32.4	26.5	29.6
30	57.5	57.1	57.4	57.3	32.1	25.7	28.6	31.3	26.8	28.9
31	57.5	56.8	56.8	57.0	32.1	25.4	29.4	31.4	27.1	29.3
	55.69	55.33	55.66	55.56	32.87	24.63	28.98	32.19	27.04	29.40

Barometer, range for month 758 0 mm. — 753.1 mm
„ 71-yr. average for month 756.00 mm.
Thermometer, range for month 33.7°C — 23.6°C
„ 71-yr. average for month 28.57°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 0.45 mm.
„ Total, Sept. 1st. to end of month 690.38 mm.
„ 71-yrs. average. Sept. 1st. to end of month 892.30 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	26.7	27.1	28.2	27.3	64	59	80	68			
2	26.9	27.1	27.4	27.1	64	58	78	67			
3	26.7	28.2	28.2	27.7	65	59	81	68			
4	26.7	27.4	26.7	26.9	65	58	78	67			
5	24.8	28.1	26.3	26.4	59	55	73	62			
6	28.6	29.7	28.9	29.1	73	62	83	73			
7	28.6	29.0	26.7	28.1	72	60	77	70			
8	27.8	29.0	27.9	28.2	70	59	82	70			
9	21.2	29.4	28.9	26.5	54	63	83	67			
10	22.2	33.0	29.9	28.4	55	69	83	69			
11	30.5	31.8	29.2	30 5	79	68	82	76			
12	31.6	30.5	30.7	30.9	79	63	84	75			
13	30.1	30.5	30.7	30.4	76	64	86	75			
14	30.5	31.3	31.1	31.0	79	65	89	78			
15	30.9	32.1	28.9	30.6	77	67	82	75			
16	28.4	28.1	28.9	28.5	67	55	83	68			
17	27.5	29.7	30.2	29.1	72	61	81	71			
18	29.2	30.5	28.7	29.5	70	63	77	70			
19	28.0	30.5	27.7	28.7	65	63	77	68			
20	25.1	29.7	29.0	27.9	67	62	75	68			
21	26.1	28.8	23.9	26.3	67	65	70	67			
22	27.1	28.0	24.9	26.7	68	65	69	67			
23	22.4	24.4	24.6	23.8	60	51	70	60			
24	24.4	24.9	25.8	25 0	66	53	69	63			
25	27.1	28.1	25.8	27.0	67	55	69	64			
26	26.4	27.9	25.8	26.7	67	60	69	65			
27	25.1	24.4	23.0	24.2	67	51	69	62			
28	22.0	25.9	26.0	24.6	52	53	74	60			
29	24.0	25.9	25.3	25.1	56	54	72	61			
30	25.4	29.1	27.4	27.3	67	64	79	70			
31	21.7	29.1	28.9	26.6	53	64	83	67			
	26.57	28.68	27.60	27.62	66.5	60.3	77.6	68.1			

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1sw	1sw	0	light	
2	0	0	0	0.0	2sw	1nw	0	,,	
3	0	0	0	0.0	2sw	2nw	1nw	,,	
4	0	0	0	0.0	1sw	2ne	1ne	,,	
5	0	0	0	0.0	1sw	2nw	0	,,	
6	0	1cu	5cu	2.0	2sw	3sw	1sw	light	
7	0	2cu	0	0.7	2sw	2sw	0	,,	
8	0	0	0	0.0	1sw	2sw	1sw	,,	
9	0	0	0	0.0	1sw	1nw	0	calm	
10	1cu	0	0	0.3	1sw	1nw	2sw	light	
11	1cu	0	0	0.3	2sw	2sw	2sw	light	
12	0	0	0	0.0	2sw	2sw	1sw	,,	
13	0	0	0	0.0	1sw	2sw	1sw	,,	
14	1cu	0	0	0.3	1sw	2sw	1sw	,,	
15	0	0	0	0.0	1sw	1nw	1nw	,,	
16	1cu	0	0	0.3	1sw	1nw	1nw	light	
17	0	0	5st	1.7	1sw	1nw	2sw	,,	
18	1cu	2cu	0	1.0	2sw	3sw	0	,,	
19	0	0	0	0.0	3sw	2nw	1sw	,,	
20	0	0	8st	2.7	2sw	1nw	0	,,	
21	5cu-st	8cu-st	3cu-st	5.3	2sw	2nw	1nw	light	
22	1cu	3cu	7cu-st	3.7	1sw	1nw	2sw	,,	
23	5cu	0	7st	4.0	1sw	2w	2sw	,,	
24	0	0	8cu-st	2.7	1sw	1w	1nw	,,	
25	0	0	0	0.0	1sw	1w	1w	,,	
26	0	0	0	0.0	1sw	1sw	1w	light	
27	2cu	5cu	4cu	3.7	1sw	2w	2w	,,	
28	1cu	7cu	6cu	4.7	1sw	1w	2sw	,,	
29	1cu	4cu-ci	4cu	3.0	1sw	1nw	1w	,,	
30	1cu	0	0	0.3	1sw	1sw	0	,,	
31	2cu	0	0	0.7	1sw	1sw	0	calm	
				1.21					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	0	31	0	0	0	31
14:30	0	1	0	0	0	12	5	13	0	31
20:30	0	1	0	0	0	12	4	5	9	31
Total	0	2	0	0	0	55	9	18	9	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during month 0.18